

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,919,989 B1  
APPLICATION NO. : 10/697725  
DATED : July 19, 2005  
INVENTOR(S) : Deng et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2

Line 23, before "direction" remove "e"

Line 42, after "first" remove "beam"

Column 4

Line 4, before "generally" change "is" to --are--

Column 6

Line 57, after "refraction" change "no" to --n<sub>o</sub>--

Column 7

Line 30, change "no" to --n<sub>o</sub>--

Column 9

Line 27, before "polarized" insert --is--

Column 10

Line 18, before "X-Z" insert --the--

Column 11

Line 31, change "ie." to --i.e.--

Line 36, change "ie." to --i.e.--

Column 12

Line 65, remove "is:"

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,919,989 B1  
APPLICATION NO. : 10/697725  
DATED : July 19, 2005  
INVENTOR(S) : Deng et al.

Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 13

Line 60, change "tho" to --the--

Line 61, change "preparation" to --propagation--

Signed and Sealed this

Sixteenth Day of October, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*